

BONE ANCHOR SYSTEM

ABSTRACT

A bone anchor includes a screw portion configured to penetrate a bone. The screw portion includes a retention
5 thread extending at least part of a length of the screw portion and a tip at a first end of the screw portion. The bone anchor includes a protrusion adjacent a second end of the screw portion. The second end is opposite the first end of the screw portion. The protrusion comprises
10 a plurality of external sides forming a shape and a rounded interior surface enclosing a protrusion recess. The rounded interior surface includes a recess thread configured to retain a component at least partially in the protrusion recess. The protrusion has a maximum
15 width that is less than a maximum diameter of the screw portion such that a shoulder is formed where the protrusion meets the second end of the screw portion.